

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gerardo Castillo et al.

Art Unit : Unknown

Serial No.: 10/762,444

Examiner: Unknown

Filed

: January 21, 2004

Title

: POLYHYDROXYLATED AROMATIC COMPOUNDS FOR THE TREATMENT OF AMYLODOSIS AND ALPHA-SYNUCLEIN FIBRIL

**DISEASES** 

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## TRANSMITTAL LETTER

Transmitted herewith are an Information Disclosure Statement and Forms PTO-1449 6) pages for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 06-1050, as stated below:

The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,

Dale L. Rieger

Reg. No. 43,045

Fish & Richardson P.C. 12390 El Camino Real San Diego, California 92130

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit

Kelly M. Fischer

April 8, 2004

Typed or Printed Name of Person Signing Certificate

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IN THE WILLIAM STATES PATENT AND TRADEMARK OFFICE

Applicant: Gerardo Castillo et al.

Art Unit : Unknown Examiner : Unknown

Filed

: January 21, 2004

Title : POLYHYDROX

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TREATMENT OF AMYLODOSIS AND ALPHA-SYNUCLEIN FIBRIL

**DISEASES** 

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE WITH 37 C.F.R. 1.97-1.98

## Dear Sir:

Because this Information Disclosure Statement is filed before the receipt of a First Office Action on the Merits for the above-captioned application a fee is not required. If no proper payment is enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §\$1.97-1.98. Form PTO-1449 (6 pages) are provided herewith in connection with the above-captioned application. In accordance with 37 C.F.R. §1.98(d), copies of the references listed on the Form PTO-1449 are not provided herewith as they have been previously provided in connection with U.S. Serial Nos. 09/748,748, which are relied upon for an earlier filing date in accordance with 35 U.S.C. §120.

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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April 8, 2004
Date of Deposit
Kelly Utroiher
Signature
Kelly M. Fischer

Typed or Printed Name of Person Signing Certificate

Attorney's Docket No.:17170-002002 (25835-4001B)

Applicant: Gerardo Castillo et al.

Serial No.: 10/762,444 Filed: January 21, 2004

Page : 2 of 3

The documents cited on the Forms PTO-1449 are in the English language, with the exception of Items X, AC, AF, and CD. Items X and AC (Japanese patent Nos. JP 10245342 and JP 1-151514 respectively) are in in the Japanese language and were supplied with Derwent English Abstracts (Items BB and BA respectively). Item AF (International Patent Application Publication No. WO 98/09653) is in the French language and was supplied with an English language equivalent US patent 6,297,281 (Item R). Item CD (Article by Lewy (1912)) is in the German language and was supplied with a Certified English language translation (Item AV). Hence, in accordance with the requirements of 37 C.F.R. 1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Applicant also makes known to the Examiner the following pending U.S applications that have one or more common inventors and/or are commonly owned:

U.S.S.N.(App. no.)	Filing Date	Docket No.
09/748,748	12/26/00	17170-002001 (HEWM; 25835-4001)
10/452,851	05/30/03	17170-003001 (HEWM; 25835-4002)
10/684,178	10/10/03	17170-004001 (HEWM; 25835-4003)
10/384,172	03/05/03	
09/036,492	03/06/98	
09/079,829	03/15/98	
09//497,628	02/03/00	
09/296,481	10/02/98	
09/525,787	03/15/00	

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. 1.56(b) exists.

Applicant: Gerardo Castillo et al.

Serial No.: 10/762,444 Filed: January 21, 2004

Page : 3 of 3

Attorney's Docket No.:17170-002002 (25835-4001B)

Applicant respectfully requests that the Examiner review the foregoing references and they be made of record in the file history of the above-captioned application.

Respectfully submitted,

Date:

Fish & Richardson P.C. 12390 El Camino Real

San Diego, California 92130 Telephone: (858) 678-5070 Facsimile: (202) 626-7796

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Dale L. Rieger Reg. No. 43,045 Substitute Form PT0-1449PR 1 2 200 S. Department of Commerce (Modified)

Patient and Trademark Office

List of Patents and Publications for Applicant's Information Disclosure Statement

Attorney's Docket No. 17170-002002

Application No. 10/762,444

Applicant

Gerardo Castillo et al.

Filing Date
January 21, 2004

Group Art Unit Unknown

(37 CFR §1.98(b))

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Examiner	Desig.	Document	Publication			_	Filing Date
Initial	ID	Number	Date	Patentee	Class	Subclass	If Appropriate
_	Α	2002/0111309	08/15/02	Castillo et al.	514	12	08/22/01
	В	2002/0168753	11/14/02	Castillo et al.	435	226	11/30/01
	С	2002/0197692	12/26/02	Castillo et al.	435	184	11/02/01
	D	2003/0013648	01/16/03	Castillo et al.	514	12	09/24/01
	Е	2003/0017998	01/23/03	Snow et al.	514	27	02/15/02
	F	5,643,562	07/01/97	Kisilevsky et al.	424	78.31	03/15/95
	G	5,681,569	10/28/97	Kuznicki et al.	424	195	11/06/95
	Н	5,719,191	02/17/98	Maclean et al.	514	648	02/21/97
	I	5,731,313	03/24/98	Suarato et al.	514	255	07/24/95
	J	5,747,517	05/05/98	Panetta et al.	514	369	09/11/96
	K	5,767,126	06/16/98	Marchbanks	514	297	1018/94
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	М	5,958,883	09/28/99	Snow	514	16	06/05/95
	N	5,972,956	10/26/99	Hays et al.	514	297	04/29/98
	0	5,981,168	11/09/99	Reiner	435	4	05/15/98
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	U	6,432,636	08/13/02	Maresh et al.	435	6	08/26/97
	V	6,563,016	05/13/02	Snow et al.	800	12	03/27/00

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID <b>⊀</b> £	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
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	X X	10245342	09/14/98	JP			X+

Examiner Signature

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office			Attorney's Docket No. 17170-002002		Application No. 10/762,444				
List of Patents and Publications for Applicant's Information Disclosure Statement					Applicant Gerardo Castillo et al.				
					Filing Date		Group Art Unit	:	
					January 21, 2004		Unknown		
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Examiner	Desig.	Document	Publication	ub	lished Foreign F Country or	atent /	Application		slation
Initial	ID ID	Number	Date		Patent Office	Class	Subclass	Yes	No
	Y	01/49281	07/12/01	PC	CT				
	Z	01/49307	07/12/01	PC	CT				
	AA	0 659 418	12/19/94	EF	)				
	AB	1 014 996	05/28/03	EF	)				
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	AE	98/08381	03/05/98	PC	CT				
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	AI	98/39653	09/11/98	PC	CT				
	AJ	98/51302	11/19/98	PC	СТ				

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	AQ'	accelerates A beta fibril formation, and maintains A beta fibril stability", J. Neurochem., 69(6):2452-		
	l	2465 (1997)		

Examiner Signature	Date Considered				
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in					
conformance and not considered. Include copy of this form with next communication to applicant.					

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17170-002002	Application No. 10/762,444		
List of Patents and Publications for Applicant's			Applicant Gerardo Castillo et al.			
		n Disclosure Statement	Filing Date	Group Art Unit		
			January 21, 2004	Unknown		
(37 CFR §1.98						
		ocuments (include Author,	Title, Date, and Place o	f Publication)		
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	AR	Castillo et al., "Structure and metabol the isolated rat glomerulus", <i>Biochem</i>	. Biophys. Acta, 1136(2):119-12	8 (1992)		
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	AW	Conway et al., "Accelerated <i>in vitro</i> fibril formation by a mutant α-synuclein linked to early-ons Parkinson disease," <i>Nature Med.</i> 4:1318-1320, (1998)				
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	ВЕЖ	Fraggy et al. "Conformation and fibrillogomeric of Alphainean A hate montides with calcuted				
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Examiner Signature	Date Considered					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant						

Substitute For (Modified)	n PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17170-002002	Application No. 10/762,444			
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	вк≭	Grundke-Ibal et al., "Abnormal phosp alzheimer cytoskeletal pathology", Pr					
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	вх≰	Kitaguchi et al. "Novel Precursor of A Inhibitory Activity," <i>Nature</i> , 331:530		otein Shows Protease			
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			Applicant Gerardo Castillo et al.					
		d Publications for Applicant's						
In	ıformatioı	n Disclosure Statement	Filing Date	Group Art Unit				
			January 21, 2004	Unknown				
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		ocuments (include Author,	Title, Date, and Place o	f Publication)				
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	CE	Mandybur et al. "Cerebral Amyloid A Journal of Neuropathology and Expen						
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	CFX	aged hippocampus by competitive rev 67(3):1132-1144 (1996)	rerse transcription-polymerase cl	nain reaction", J. Neurochem.,				
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